

Title: APPARATUS FOR IMPROVING
HARD BIAS PROPERTIES OF LAYERS
IN A MAGNETORESISTIVE SENSOR
Applicants: Pinabasi, et al.
Docket: HJO920030026US1/HITG.026PA
Sheet 1 of 6

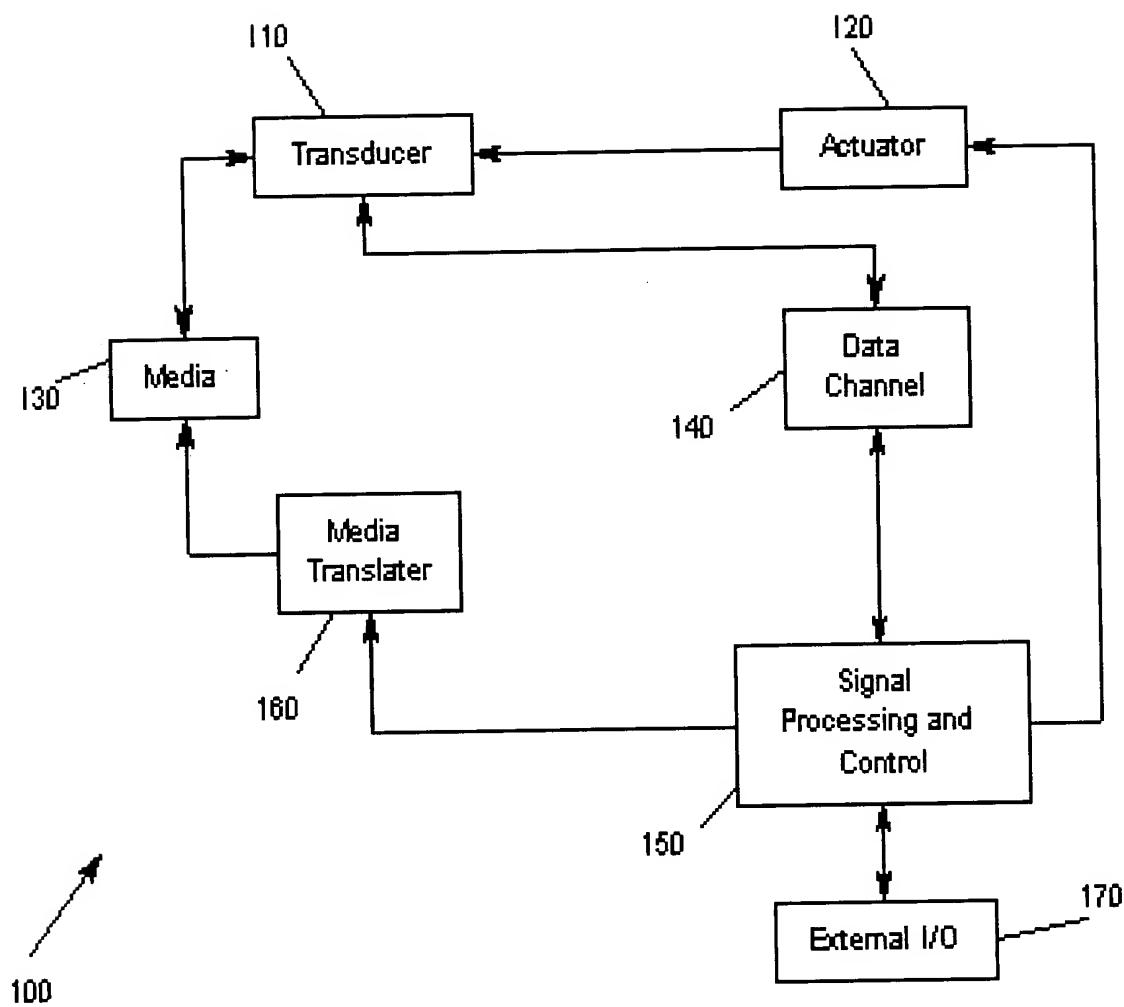


Fig. 1

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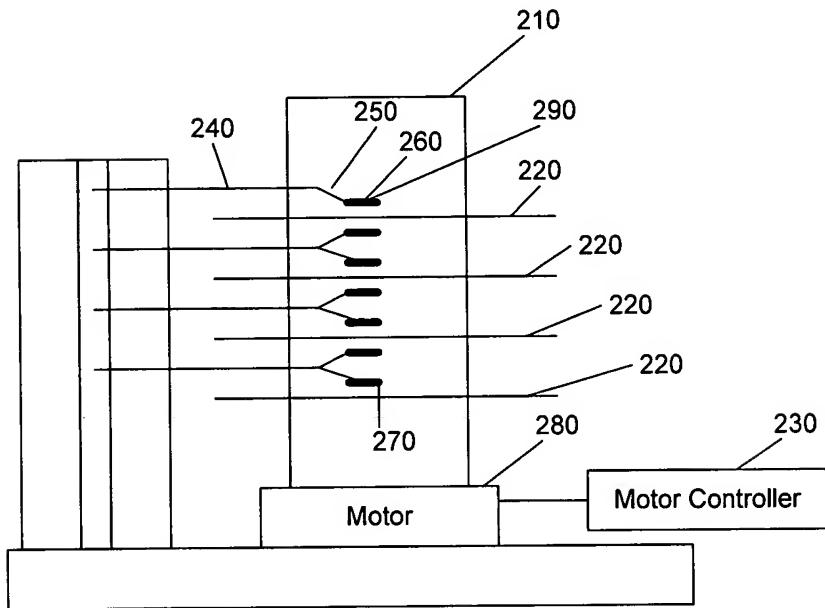
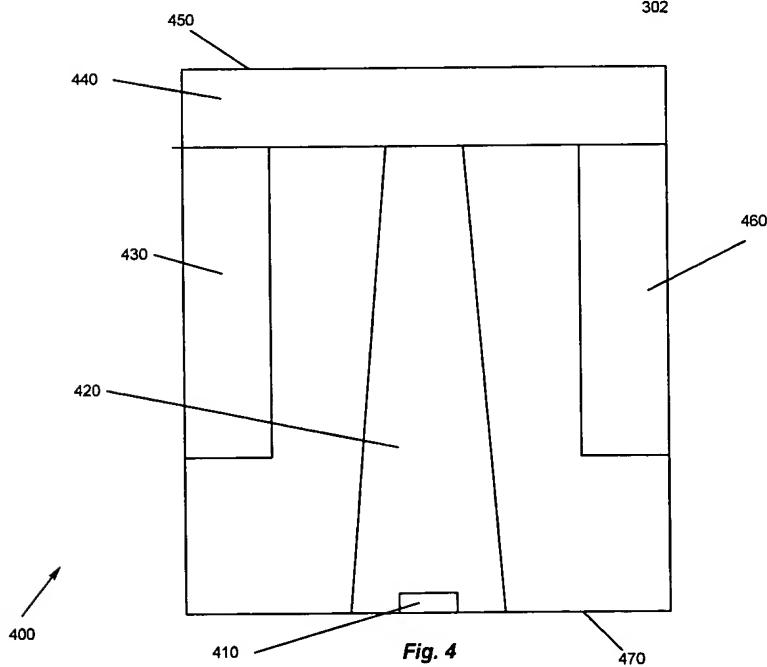
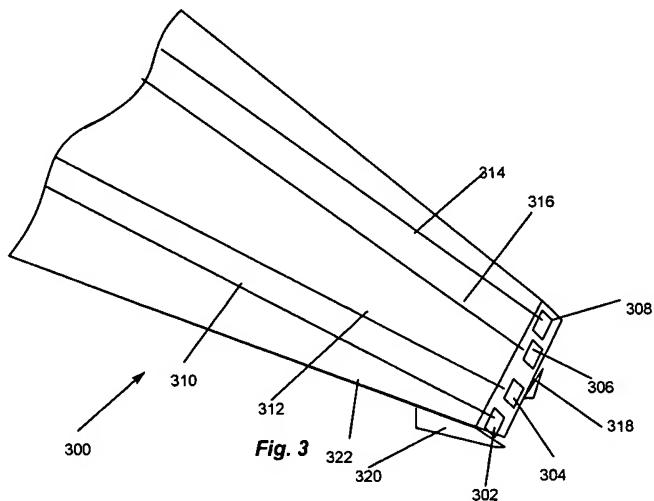


Fig. 2

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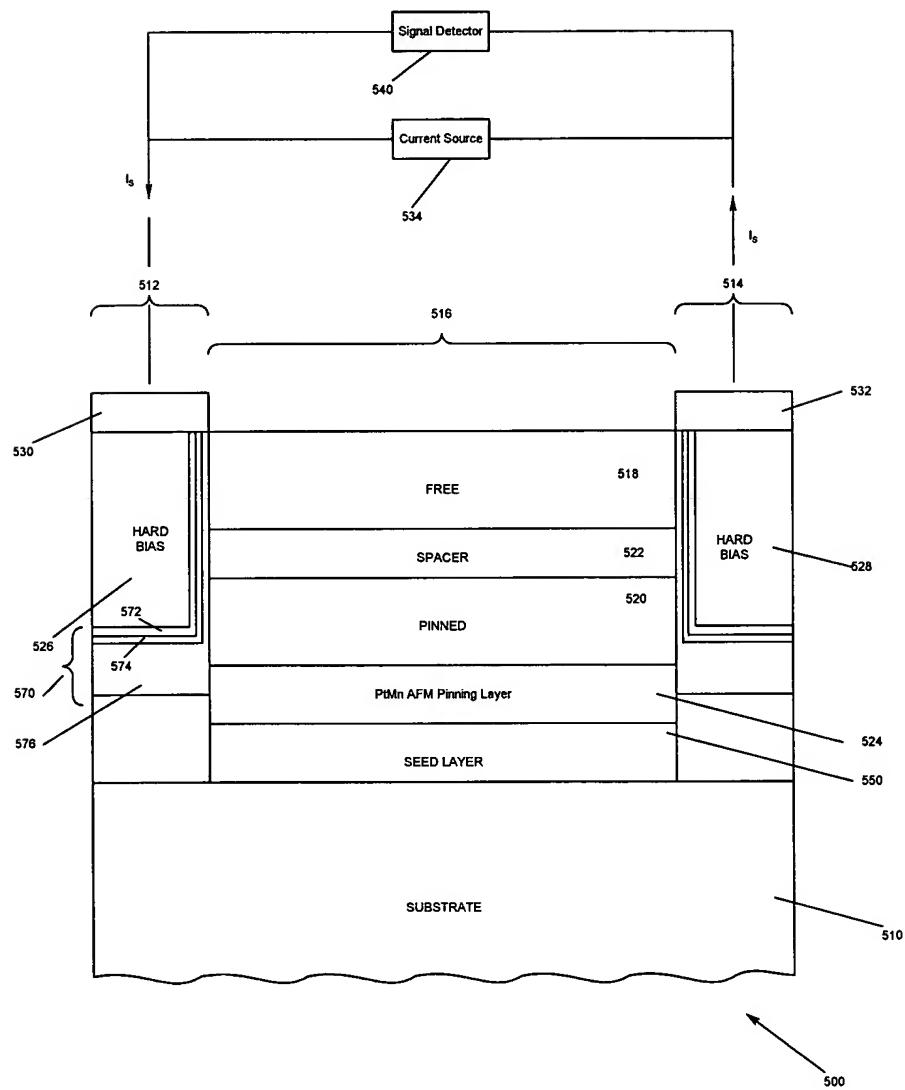


Fig. 5

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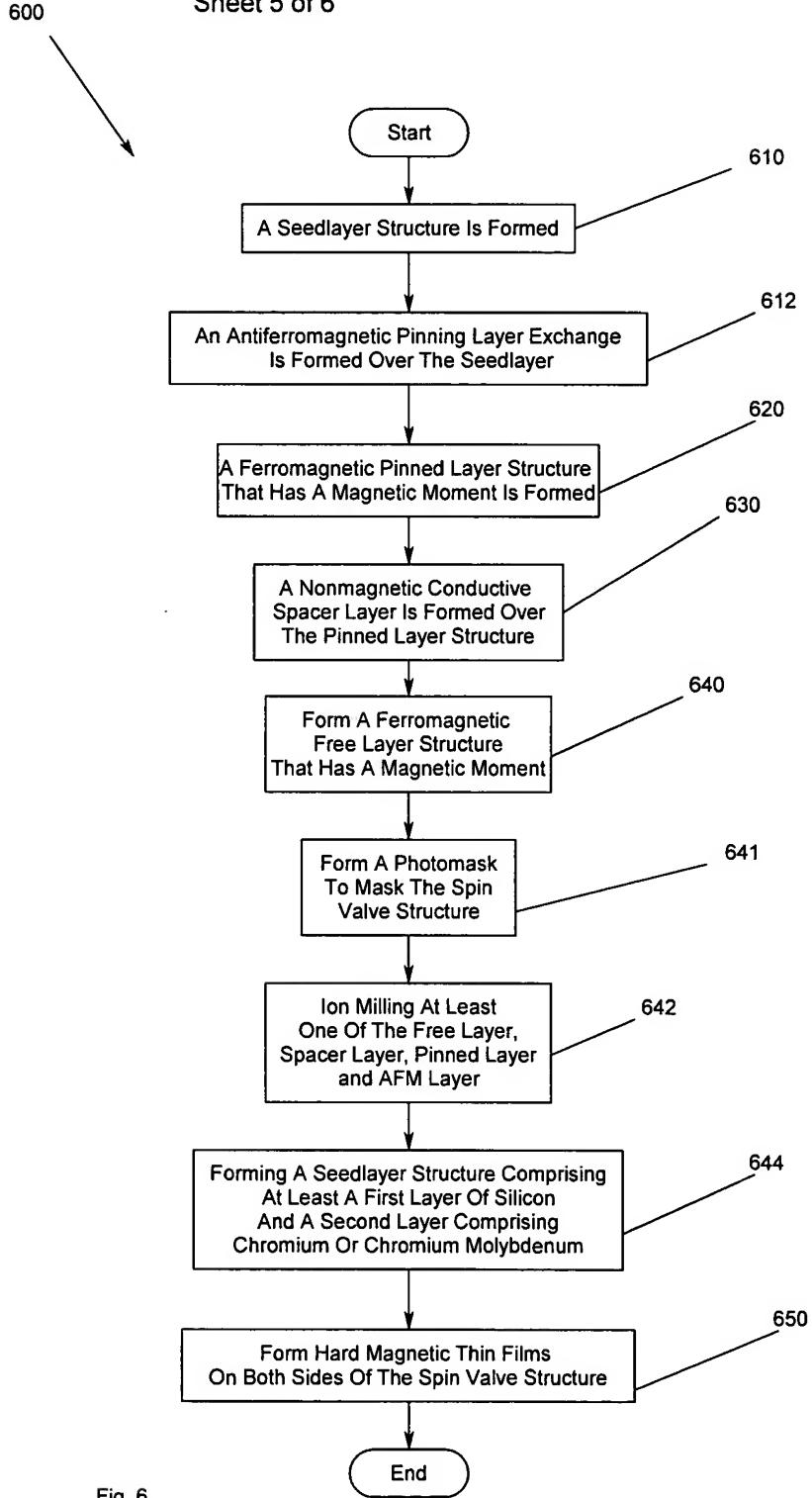
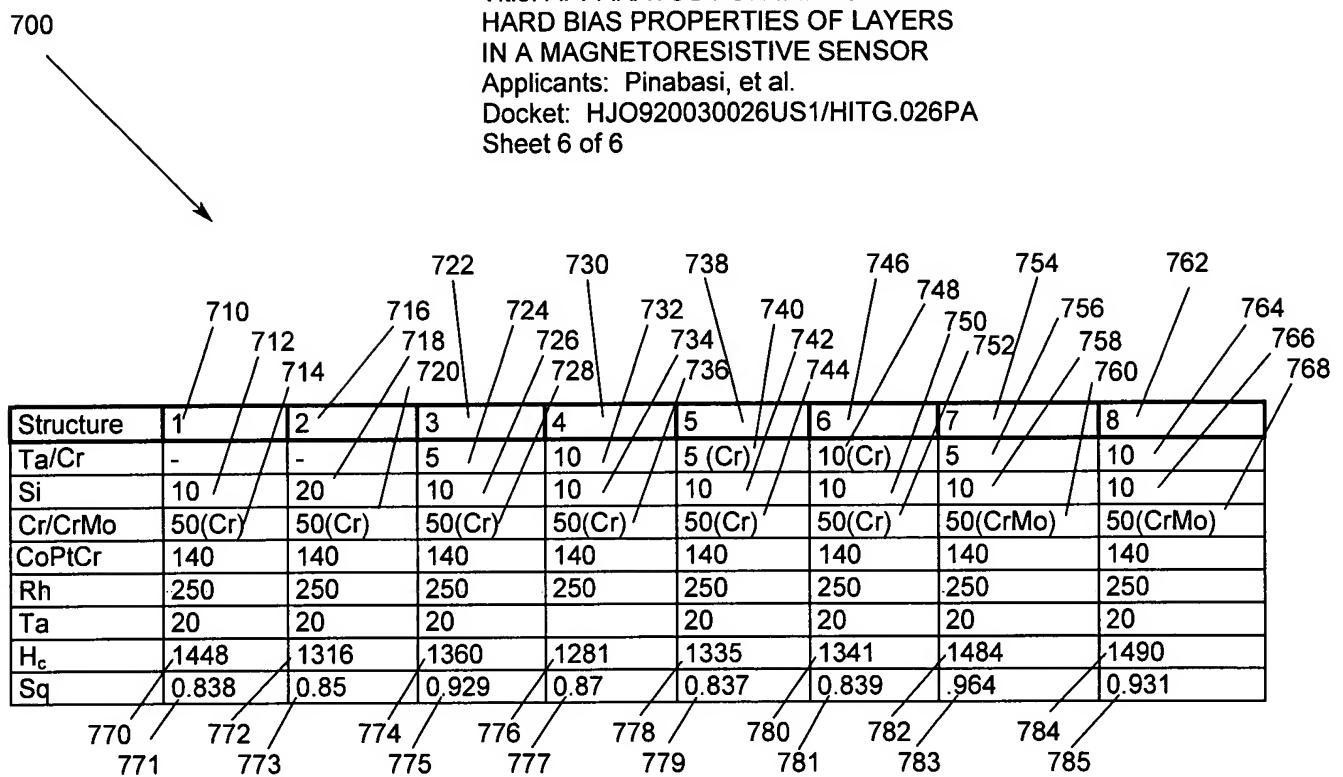


Fig. 6

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Structure	1	2	3	4	5	6	7	8
Ta/Cr	-	-	5	10	5 (Cr)	10 (Cr)	5	10
Si	10	20	10	10	10	10	10	10
Cr/CrMo	50(Cr)	50(Cr)	50(Cr)	50(Cr)	50(Cr)	50(Cr)	50(CrMo)	50(CrMo)
CoPtCr	140	140	140	140	140	140	140	140
Rh	250	250	250	250	250	250	250	250
Ta	20	20	20		20	20	20	20
H _c	1448	1316	1360	1281	1335	1341	1484	1490
Sq	0.838	0.85	0.929	0.87	0.837	0.839	0.964	0.931

700
 710 712 714 716 718 720 722 724 726 728 730 732 734 736 738 740 742 744 746 748 750 752 754 756 758 760 762 764 766 768
 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785

Fig. 7